

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

OCD Artesia

FORM APPROVED  
OMB NO. 1004-0135  
Expires: July 31, 2010

**SUNDRY NOTICES AND REPORTS ON WELLS**  
*Do not use this form for proposals to drill or to re-enter an abandoned well. Use form 3160-3 (APD) for such proposals.*

5. Lease Serial No.  
NMNM15003

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

**SUBMIT IN TRIPLICATE - Other instructions on reverse side.**

1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other		8. Well Name and No. GOVERNMENT AB FEDERAL 13
2. Name of Operator OXY USA WTP LP		9. API Well No. 30-015-40920-00-X1
3a. Address HOUSTON, TX 77210		10. Field and Pool, or Exploratory OLD MILLMAN RANCH
3b. Phone No. (include area code) Ph: 713-513-6640		11. County or Parish, and State EDDY COUNTY, NM
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 10 T20S R28E SENE 2080FNL 660FEL		

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Deepen
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Fracture Treat
	<input type="checkbox"/> New Construction
	<input type="checkbox"/> Plug and Abandon
	<input type="checkbox"/> Plug Back
	<input type="checkbox"/> Production (Start/Resume)
	<input type="checkbox"/> Reclamation
	<input type="checkbox"/> Recomplete
	<input type="checkbox"/> Temporarily Abandon
	<input type="checkbox"/> Water Disposal
	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Well Integrity
	<input checked="" type="checkbox"/> Other Change to Original APD

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplate horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recomplate in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

OXY USA WTP Limited Partnership request permission to make changes to the proposed total depth. Please see the attached for your use and review. If there are any questions or concerns, please feel free to contact us at any time.

Accepted for record  
NMOCDC  
105  
11/2/2013

**RECEIVED**  
DEC 27 2012  
NMOCDC ARTESIA

SEE ATTACHED FOR  
CONDITIONS OF APPROVAL

14. I hereby certify that the foregoing is true and correct.

Electronic Submission #168441 verified by the BLM Well Information System  
For OXY USA WTP LP, sent to the Carlsbad  
Committed to AFMSS for processing by DEBORAH MCKINNEY on 12/21/2012 (13DLM1610SE)

Name (Printed/Typed)	JENNIFER DUARTE	Title	REGULATORY ANALYST
Signature	(Electronic Submission)	Date	12/21/2012

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By	Title	<p><b>APPROVED</b></p> <p>DEC 21 2012 /s/ Chris Wall BUREAU OF LAND MANAGEMENT CARLSBAD FIELD OFFICE</p>
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.	Office	

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

# APD DATA – DRILLING PLAN –

OPERATOR NAME / NUMBER: OXY USA Inc

16696

LEASE NAME / NUMBER: Government AB Federal #13

STATE: NM

COUNTY: Eddy

SURFACE LOCATION:

2080' FNL & 660' FEL, Sec 10, T20S, R28E

SL: LAT: 32.5896957 N LONG: 104.1581458 W X: 553956.8 Y: 578287.4

NAD:27.

C-102 PLAT APPROX GR ELEV: 3285.1'

EST KB ELEV: 3301.6 (16.5' KB)

**1. SUMMARY OF CHANGES:**

- a. Based on logging information obtained from drilling the Government AB 14, we request to change the current TD of 6,700 feet to a new TD of 7,000 feet. This will allow us the flexibility to drill through the entire 1st Bone Spring Sand interval which is our target.
- b. Based on historic wells drilled in high cave/karst area and information gained from the Government AB 14, possible lost circulation in the Capitan Reef is expected. To avoid a remedial Surface and Intermediate cement jobs, a 2 Stage job was planned with a DV tool placed at 550'. The volumes will also be adjusted based off the caliper survey from the intermediate wellbore.

**2. CEMENT PROGRAM CHANGES:**

**Surface Interval**

Interval	Amount sx	Ft of Fill	Type	Gal/Sk	PPG	Ft <sup>3</sup> /sk	24 Hr Comp
<b>Surface (TOC: 0' –320')</b>							
<b>Lead:</b> 0' – <u>350'</u> (200% Excess)	480'	350'	Premium Plus Cement, with 2% Calcium Chloride.	6.37	14.8	1.35	1326 psi

**Intermediate Interval**

Interval	Amount sx	Ft of Fill	Type	Gal/Sk	PPG	Ft <sup>3</sup> /sk	24 Hr Comp
<b>Stage 1: Intermediate (TOC: 0' –3050')</b>							
<b>Lead:</b> 0' –2450' (150%Excess)	1070	2450'	Light Premium Plus Cement, with 3 lbm/sk Salt, 3 lbm/sk Kol-Seal, 0.125 lb/sk Poly-E-Flake	9.56	12.9	1.85	500 psi
<b>Tail:</b> 2450' – <u>3050'</u> (105%Excess)	210	600'	Premium Plus cement with 1% Calcium Chloride	6.36	14.8	1.34	1650 psi
<b>DV TOOL @ 550'</b>							
<b>Stage 2: Intermediate (TOC: 0' –1975')</b>							
<b>Lead:</b> 0' – 550' (150%Excess)	400	550'	Light Premium Plus Cement, with 3 lbm/sk Salt, 3 lb/sk Kol-Seal, 0.125 lb/sk Poly-E-Flake	9.56	12.9	1.85	500 psi

**Description of Cement Additives:** Poly-E-Flake (Lost Circulation Additive), Kol-Seal (Lost Circulation Additive), Calcium Chloride - Flake (Accelerator)

## Conditions of Approval

The minimum required fill of cement behind the 8-5/8 inch intermediate casing is:

a. First stage to DV tool:

- Cement to circulate. If cement does not circulate, contact the appropriate BLM office before proceeding with second stage cement job. Operator should have plans as to how they will achieve circulation on the next stage.

b. Second stage above DV tool:

- Cement to surface. If cement does not circulate, contact the appropriate BLM office.